| CONSERVATION PRACTICE | PHYSICAL EFFECT WORKSHEET |
|----------------------------------------------------|------------------------------------------------|
| NOTE: recorded in microsoft word 6.0 - use tabs to | |
| STATE MA FIELD OFFICE | All DATE 7/30/02 |
| PRACTICE: 328 - Conservation Crop | |
| Rotation | |
| RESOURCE: SOIL | |
| RESOURCE CONCERN: EROSION | |
| | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| SHEET AND RILL | moderate reduction in sheet and rill erosion |
| WIND | moderate reduction in wind erosion |
| EPHEMERAL GULLY | slight reduction in ephemeral gully erosion |
| CLASSIC GULLY | insignificant |
| STREAMBANK | insignificant |
| IRRIGATION INDUCED | slight reduction in irrigation induced erosion |
| SOIL MASS MOVEMENT | insignificant |
| ROADBANK/CONSTRUCTION | N/A |
| OTHER | |
| RESOURCE CONCERN: SOIL CONDITION | |
| SOIL TILTH | significant improvement in soil tilth |
| SOIL COMPACTION | significant reduction in soil compaction |
| SOIL CONTAMINATION | |
| • SALTS | N/A |
| • ORGANICS | N/A |
| • FERTILIZERS | N/A |
| • PESTICIDES | N/A |
| • OTHER | |
| DEPOSITION/DAMAGE | |
| • ONSITE | N/A |
| • OFFSITE | N/A |
| DEPOSITION/SAFETY | |
| • ONSITE | N/A |
| OFFSITE | N/A |
| OTHER | |
| RESOURCE: WATER | |
| RESOURCE CONCERN: WATER QUANTIT | ГҮ |
| SEEPS | N/A |
| RUNOFF/FLOODING | N/A |
| EXCESS SUBSURFACE WATER | N/A |
| INADEQUATE OUTLETS | N/A |
| WATER MGT. IRRIGATION | |
| • SURFACE | N/A |
| • SPRINKLER | N/A |
| WATER MGT. NON-IRRIGATED | moderate improvement in moisture use |
| RESTRICTED FLOW CAPACITY | |
| ONSITE | N/A |
| • OFFSITE | N/A |
| RESTRICTED STORAGE | N/A |
| OTHER | |

| RESOURCE: WATER | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| RESOURCE INDICATORS | | |
| RESOURCE INDICATORS GROUNDWATER CONTAMINANTS | PHYSICAL EFFECTS | |
| | insignificant | |
| PESTICIDES NUMBER OF CANAGE | insignificant | |
| NUTRIENTS AND ORGANICS CALIBRITY | insignificant | |
| SALINITY | insignificant | |
| HEAVY METALS PATTING CENTS | N/A | |
| PATHEGENS OTHER | N/A | |
| OTHER CHIEFACE WATER CONTAMINANTS | | |
| SURFACE WATER CONTAMINANTS | insignificant | |
| PESTICIDES NUTRIFICIDES AND ORGANICS | insignificant | |
| NUTRIENTS AND ORGANICS OUGDEN DEPTH OF THE | insignificant CW to a section for the control of th | |
| SUSPENDED SEDIMENTS LOW DESCLIVED OVICEN | slight reduction in SWater contam./susp. sedi. | |
| LOW DESOLVED OXYGEN CALDUTY | N/A | |
| • SALINITY | N/A | |
| HEAVY METALS | N/A | |
| WATER TEMPERATURE | N/A | |
| PATHEGENS A CHARTICAL PROPERTY OF THE | N/A | |
| AQUATIC HABITAT SUITABILITY | slight improvement in Aqua. Hab. Suit. | |
| OTHER | | |
| RESOURCE: AIR | | |
| RESOURCE CONCERN: AIR QUALI | TY | |
| AIRBORN SEDIMENT AND SMOKE PARTICLES | | |
| ONSITE SAFETY | N/A | |
| OFFSITE SAFETY | N/A | |
| ONSITE STRUCT. PROBLEMS | N/A | |
| OFFSITE STRUCT. PROBLEMS | N/A | |
| ONSITE HEALTH | N/A | |
| OFFSITE HEALTH | N/A | |
| AIRBORN SEDIMENT CAUSING | N/A | |
| CONVEYANCE PROBLEMS | | |
| AIRBORN CHEMICAL DRIFT | N/A | |
| AIRBORN ODORS | N/A | |
| FUNGI, MOLDS, AND POLLEN | N/A | |
| OTHER | | |
| RESOURCE CONCERN: AIR CONDITION | | |
| AIR TEMPERATURE | N/A | |
| AIR MOVEMENT (windbreak effect) | N/A | |
| HUMIDITY | N/A | |
| OTHER | | |

| DESCRIBER DI ANT | |
|----------------------------------------------|-----------------------------------------------------|
| RESOURCE: PLANT RESOURCE CONCERN: SUITABLIIT | TV |
| | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| SITE ADAPTATION | N/A |
| PLANT USE | N/A |
| OTHER | |
| RESOURCE CONCERN: CONDITION | |
| PRODUCTIVITY | sign. improvement in plant cond./ productivity |
| HEALTH, VIGOR, SURVIVAL | moder. improvement in plant health, vigor, survival |
| OTHER | |
| RESOURCE CONCERN: MANAGEMENT | |
| ESTAB., GROWTH, HARVEST | N/A |
| NUTRIENT MANAGEMENT | moder. improvement in plant nutrient management |
| PESTS THE A TEND ANGED DE ANTE | slight improvement in plant pest management |
| THREAT/ENDANGERED PLANTS OTHER | N/A |
| RESOUTCE: ANIMAL | |
| RESOURCE CONCERN: HABITAT | |
| FOOD | slight improvement in animal habitat/food supply |
| COVER/SHELTER | slight improvement in animal habitat/cover,shelter |
| WATER (QUANTITY & QUALITY) | N/A |
| OTHER | |
| RESOURCE CONCERN: MANAGEM | ENT |
| POPULATION BALANCE | slight improvement in animal mgt./pop. balance |
| THREAT/ENDANGERED ANIMALS | N/A |
| HEALTH | N/A |
| OTHER | |
| RESOURCE: HUMAN RESOURCE CONCERNS: ECONOMI | C CONSIDER ATIONS |
| PLAN / COST EFFECTIVENESS | moderately cost effective |
| CLIENT FINANCIAL CONDITION | moderately cost effective |
| MARKETS FOR PRODUCTS | N/A |
| AVAILABLE LABOR | N/A |
| AVAILABLE EQUIPMENT | N/A |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| RESOURCE: HUMAN | |
|-------------------------------------------------|------------------|
| RESOURCE CONCERN: SOCIAL CONSIDERATIONS | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| PUBLIC HEALTH AND SAFETY | N/A |
| PRIVATE/PUBLIC VALUES | N/A |
| CLIENT CHARACTERISTICS | insignificant |
| RISK TOLERANCE | N/A |
| TENURE | N/A |
| OTHER | |
| RESOURCE CONCERN: CULTURAL CONSIDERATIONS | |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES | N/A |
| SIGNIFICANCE OF CULTURAL RESOURCES | N/A |
| MITIGATION OF NEGITIVE CULTURAL RES. IMPACTS | N/A |
| OTHER | |
| | |
| | |
| | |